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PHOTOGRAPHIC INTERPRETATION REPORT

NPIC/R-1594/64
October 1964

MISSION COVERAGE INDEX

MISSION [REDACTED] 2188 17 OCTOBER 1964
MISSIONS [REDACTED] 1197, 1223, 2189, 3089
18 OCTOBER 1964 25X1A
MISSION [REDACTED] 1226XB 19 OCTOBER 1964

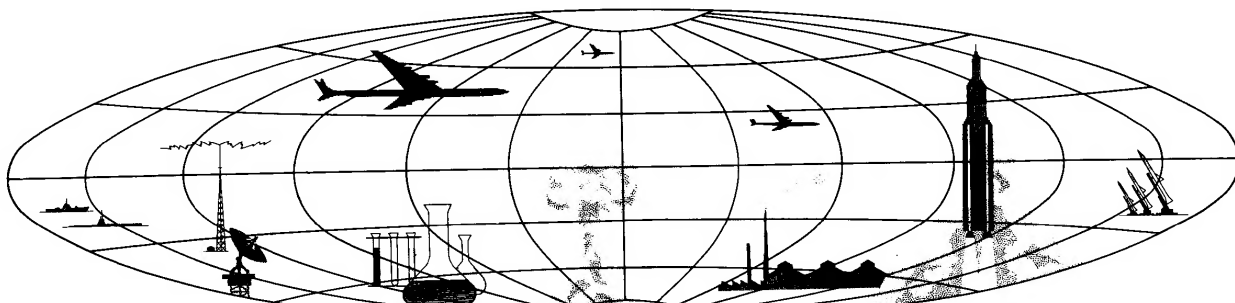


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
Excluded from automatic
downgrading and declassification

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NPIC/R-1594/64

PREFACE

25X1A

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY OF [REDACTED] MISSIONS 2188 DATED 17 OCTOBER 1964, 1197, 1223, 2189, 3089 DATED 18 OCTOBER 1964, AND 1226XB DATED 19 OCTOBER 1964 COVERING LAOS AND NORTH VIETNAM. ITEMS ARE ARRANGED IN THREE SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA, AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC

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NPIC/R-1594/64

COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000 AND L004, 1/50,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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NPIC/R-1594/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>AIR INSTALLATIONS</p> <p>MUONG PHALANE AIRFIELD 25X1D 1.8 NM NW OF MUONG PHALANE AT UTM [REDACTED] APPROXIMATELY 1,100 X 150 FT ENE/WSW SOD PROBABLE LANDING STRIP, POSSIBLY SERVICEABLE FOR LIGHT AIRCRAFT. POSSIBLE BOMB CRATERS OBSERVED AT WSW END OF RUNWAY. AIRCRAFT -- NONE OBSERVED. COMOR TARGET NO [REDACTED] 25X1A</p>	1640N 10534E	0617		357
<p>25X1D [REDACTED]</p> <p>BAN SI NHO AREA, AIRFIELD 25X1D 2.4 NM SE OF BAN SI NHO AT UTM [REDACTED] 2,700 X 100 FT ENE/WSW SOD RUNWAY, UNSERVICEABLE. FACILITIES INCLUDE AN UNOCCUPIED 6-GUN AAA SITE ON NORTH SIDE OF RUNWAY. AIRCRAFT -- NONE OBSERVED. COMOR TARGET NO [REDACTED] 25X1A</p>	1748N 10505E	0617		399-A
<p>25X1D [REDACTED]</p> <p>MILITARY INSTALLATIONS</p> <p>BAN NAM POI AREA, STRONGPOINT NO MAJOR MILITARY FACILITIES OBSERVED AT ABOVE COORDINATES. MINOR TRENCH SYSTEMS AND TRACK ACTIVITY OBSERVED IN WOODED AREA.</p>	1639N 10535E	0617		357-B

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NPIC/R-1594/64

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	PREVIOUSLY REPORTED HUTS ARE NOT APPARENT ON FAIR QUALITY PHOTOGRAPHY. [REDACTED]				
25X1D	BAN NAM POI AREA, CHECKPOINT 2 NM SE OF BAN NAM POI ON ROUTE 9. ONLY MINOR TRENCHING OBSERVED. [REDACTED]	1639N 10537E	0617		357-C
25X1D	MUONG PHALANE AREA, STRONGPOINTS FIVE STRONGPOINTS IN MUONG PHALANE VICINITY. [REDACTED]	1639N 10538E	0617		357-A
25X1D	AREAS A AND C -- NO APPARENT CHANGE SINCE [REDACTED]				
25X1D	AREAS B, D, AND E -- NOT COVERED. [REDACTED]				
25X1D	BAN DONG, MILITARY AREAS THREE MILITARY AREAS IN BAN DONG VICINITY. [REDACTED]	1638N 10625E	0617		270
25X1D	AREAS A AND B -- NO APPARENT CHANGE SINCE [REDACTED]				
25X1D	AREA C -- NO APPARENT CHANGE SINCE MISSION [REDACTED]				
	BAN BOUNG BAU AREA, MILITARY AREAS FOUR MILITARY AREAS IN BAN BOUNG BAU VICINITY. [REDACTED]	1734N 10514E	0617		369
	AREA A -- NO MILITARY ACTIVITY OBSERVED.				

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SECRET

NPIC/R-1594/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>AREAS B AND D -- NO APPARENT CHANGE SINCE [REDACTED] 25X1D</p> <p>AREA C -- IDENTIFICATION ONLY. COMOR TARGET NO [REDACTED] 25X1A [REDACTED] 25X1D</p> <p>BAN NA PHO AREA, MILITARY AREA 25X1D 0.7 NM WEST OF BAN NA PHO AT UTM [REDACTED] AND NORTH OF ROUTE 12. SMALL MILITARY AREA CONTAINS 2 BUILDINGS AND SEVERAL POSSIBLE AW POSITIONS. EXTENSIVE TRACK ACTIVITY AND CROP CULTIVATION OBSERVED. TWO WATER-FILLED BOMB CRATERS OBSERVED IMMEDIATELY SOUTH OF AREA. SEVERAL OTHER BOMB CRATERS OBSERVED. COMOR TARGET NO [REDACTED] 25X1A [REDACTED] 25X1D</p> <p>LAK SAO ARMY BARRACKS 25X1D ONE NM SSE LAK SAO AT UTM [REDACTED] NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] EXCEPT 2 BOMB CRATERS OBSERVED IN THE BARRACKS AREA, AND 2 BOMB CRATERS OBSERVED 200 YDS SE OF BARRACKS AREA. COMOR TARGET NO [REDACTED] 25X1A [REDACTED] 25X1D</p> <p>BAN KHANG PHA NIEN NHAY AREA, MIL ACTIVITY POSSIBLE MILITARY CAMP ONE NM NE OF BAN KHANG</p>	<p>1735N 10530E</p> <p>1811N 10459E</p> <p>1930N 10351E</p>	<p>0617</p> <p>0617</p> <p>0617</p>	<p>25X1A [REDACTED]</p>	<p>362</p> <p>113-A</p> <p>446-B</p>

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SECRET

NPIC/R-1594/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>PHA NIEN NHAY AT UTM [REDACTED] CONTAINS APPROXIMATELY 25 BUILDINGS WITH APPROXIMATELY 25 SMALL HUTS DISPERSED TO THE EAST OF THE BUILDINGS.</p> <p>SMALL TRENCHED DEFENSE POSITION CONTAINING 2 POSSIBLE AW POSITIONS 0.2 NM WEST AT UTM [REDACTED] 25X1D</p> <p>FIVE AAA SITES ARE IN THE IMMEDIATE VICINITY (REFERENCED FROM CAMP).</p> <p>25X1D</p> <p>SITE A (0.5 NM NE AT UTM [REDACTED] -- UNOCCUPIED 4-GUN AAA SITE.</p> <p>25X1D</p> <p>SITE B (0.7 NM NNE AT UTM [REDACTED] -- UNOCCUPIED 4-GUN AAA SITE.</p> <p>25X1D</p> <p>SITE C (0.7 NM NE AT UTM [REDACTED] -- UNOCCUPIED 8-GUN AAA SITE.</p> <p>25X1D</p> <p>SITE D (0.8 NM NE AT UTM [REDACTED] -- UNOCCUPIED 4-GUN AAA SITE.</p> <p>25X1D</p> <p>SITE E (0.3 NM NW AT UTM [REDACTED] -- UNOCCUPIED 2-GUN AAA SITE.</p> <p>[REDACTED]</p> <p>25X1D</p> <p>BASIC SERVICES</p> <p>BAN KHANG PHA NIEN NHAY AREA, POSS VEH PARK 1.6 NM ENE OF BAN KHANG PHA NIEN NHAY AT UTM [REDACTED] 25X1D</p> <p>POSSIBLE VEHICLE PARKING AREA ON SOUTH SIDE OF ROUTE 7.</p>				
	1930N 10352E	0617		446-C

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SECRET

NPIC/R-1594/64

Approved For Release 2000/04/17 : CIA-RDP78B04560A004100010016-6

SECRET

NPIC/R-1594/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D <div></div> ROUTE 8 TWO SEGMENTS OF ROUTE 8 OBSERVED FROM 17-32N 105-10E TO 18-20N 105-07E. ALL-WEATHER NATURAL SURFACE SINGLE-LANE ROAD IN FAIR-TO-GOOD CONDITION OBSERVED FROM 18-20N 105-07E TO 18-11N 104-59E. TWO TRUCKS PARKED AT 18-20N 105-07E. SEASONAL NATURAL SURFACE SINGLE-LANE ROAD IN POOR CONDITION WITH NUMEROUS RUTS AND WATER-FILLED POTHOLES OBSERVED FROM 18-11N 104-59E TO 17-32N 105-10E. RIVER FORD AT UTM <div></div> POSSIBLY IMPASSABLE. 25X1D <div></div> ROUTE 9 SINGLE-LANE, NATURAL SURFACE, LIMITED ALL-WEATHER ROAD IN FAIR CONDITION, WITH SOME SECTIONS HAVING WATER-FILLED RUTS, OBSERVED FROM 16-39N 106-19E TO THE SOUTH VIETNAM BORDER AT 16-37N 106-35E. ROAD APPEARS SERVICEABLE FOR LIGHT TRAFFIC. <div></div>				

SECRET

NPIC/R-1594/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>MILITARY INSTALLATIONS</p> <p>BAN TAU THO AREA, PROB MILITARY STORAGE AREA APPROXIMATELY 2 NM NW OF BAN TAU THO AT UTM [REDACTED] 25X1D PROBABLE STORAGE AREA CONTAINS 4 STORAGE-TYPE BUILDINGS, ONE DESTROYED STORAGE-TYPE BUILDING, AND 6 ADMINISTRATION/SUPPORT BUILDINGS. OPEN STORAGE AREA IN CENTER CONTAINS STOCKPILES OF UNIDENTIFIED MATERIAL. ONE CARGO TRUCK OBSERVED IN STORAGE AREA. PROBABLE BORDER CHECKPOINT OBSERVED 3 NM 25X1D NORTH OF PROBABLE STORAGE AREA AT UTM [REDACTED] CONTAINS 2 LARGE AND SEVERAL SMALL BUILDINGS WITH ADJACENT STRONGPOINT. NUMEROUS TRENCHES OBSERVED ALONG ROAD IN BAN TAU THO VICINITY.</p> <p>[REDACTED]</p>	1927N 10405E	0617		190-A
<p>BAN TAU THO AREA, MILITARY CAMP 25X1D 1.2 NM SW OF BAN TAU THO AT UTM [REDACTED] PARTIALLY SECURED AREA CONTAINS ONE LARGE PARTIALLY DESTROYED BARRACKS/ADMINISTRATION BUILDING (WITH BOMB CRATER), 8 SUPPORT BUILDINGS (2 PARTIALLY DESTROYED/DISMANTLED) ON SOUTH SIDE OF ROUTE 7, AND ONE BARRACKS- TYPE BUILDING AND ONE SHED ON NORTH SIDE OF ROUTE 7. TRENCH SYSTEM WITH 3 UNOCCUPIED AW POSITIONS OBSERVED IMMEDIATELY WEST. (SEE ATTACHMENT 1)</p> <p>[REDACTED]</p>	1927N 10406E	0617		190-B

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SECRET

NPIC/R-1594/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>BAN PHO HOM AREA, MILITARY CAMP 25X1D 2 NM NW OF BAN PHO NAM AT UTM [REDACTED] ENTIRE AREA HAS BEEN RAZED. NO BUILDINGS REMAIN IN CAMP AREA. THREE-GUN UNOCCUPIED AAA SITE OBSERVED 1,800 FT WEST OF THE CAMP AREA. [REDACTED]</p> <p>MISCELLANEOUS</p> <p>ROUTE 12</p> <p>SINGLE-LANE NATURAL SURFACE ALL-WEATHER ROAD IN GOOD CONDITION OBSERVED FROM 17-35N 105-28E TO 17-35N 105-40E AND FROM 17-33N 105-10E TO 17-33N 105-14E. [REDACTED]</p>	1925N 10407E	0617		161

SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

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NPIC/R-1594/64

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	-LAOS-			25X1A	
	AIR INSTALLATIONS				
	BAN HOUET SANE AIRFIELD	1636N 10633E	0617		217-A
25X1D	COMOR TARGET NO [REDACTED] 25X1A				
	[REDACTED]				
	BAN NA VENG AIRFIELD	1737N 10511E	0617		380-A
25X1D	[REDACTED]				
	LAK SAO AIRFIELD	1811N 10459E	0617	25X1A	113
	COMOR TARGET NO [REDACTED]				
25X1D	[REDACTED]				
	NAPE AIRFIELD	1818N 10505E	0617		118
	COMOR TARGET NO [REDACTED]				
25X1D	[REDACTED]				
	NONG HET AIRFIELD	1929N 10359E	0617		119-C
25X1D	[REDACTED]				
	BAN BAN AIRFIELD	1938N 10333E	0617		159-A
25X1D	[REDACTED]				

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SECRET

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NPIC/R-1594/64

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	MILITARY INSTALLATIONS				
	MUONG PHALANE, MILITARY CAMP COMOR TARGET NO [REDACTED] 25X1A	1639N 10534E	0617		357-D
25X1D	[REDACTED]				
	BAN HOU EI SANE, MILITARY AREAS	1636N 10632E	0617		217
25X1D	[REDACTED]				
	BAN KHA DAP, PROBABLE MILITARY CAMP	1637N 10630E	0617		411
25X1D	[REDACTED]				
	BAN PHO AREA, MILITARY CAMP	1637N 10636E	0617		272-C
25X1D	[REDACTED]				
	BAN NHOMMARATH KEO, MILITARY AREA COMOR TARGET NO [REDACTED] 25X1A	1736N 10509E	0617		365
25X1D	[REDACTED]				
	BAN NA VENG AREA, MILITARY AREA COMOR TARGET NO [REDACTED] 25X1A	1737N 10514E	0617		380
25X1D	[REDACTED]				
	BAN BAN ARMY BARRACKS COMOR TARGET NO [REDACTED] 25X1A	1938N 10333E	0617	25X1A [REDACTED]	159
25X1D	[REDACTED]				

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SECRET

NPIC/R-1594/64

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>25X1D</p> <p>[REDACTED]</p> <p>NONG HET, MILITARY CAMP</p> <p>COMOR TARGET NO [REDACTED] 25X1A</p> <p>[REDACTED]</p>	1929N 10401E	0617		119-B
25X1D	<p>URBAN COMPLEXES</p> <p>BAN NAM KAUANG (NONG HET) COMPLEX</p> <p>[REDACTED]</p>	1930N 10359E	0617		119
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SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

SECRET

NPIC/R-1594/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>MILITARY INSTALLATIONS</p> <p>NAPE AREA, MILITARY AREA</p> <p>COMOR TARGET NO [REDACTED] 25X1A</p> <p>[REDACTED]</p> <p>25X1D</p>	1819N 10504E	0617		118-A
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NPIC/R-1594/64

APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to

WAC. For example, there is an NPIC target number 0499-15-A and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

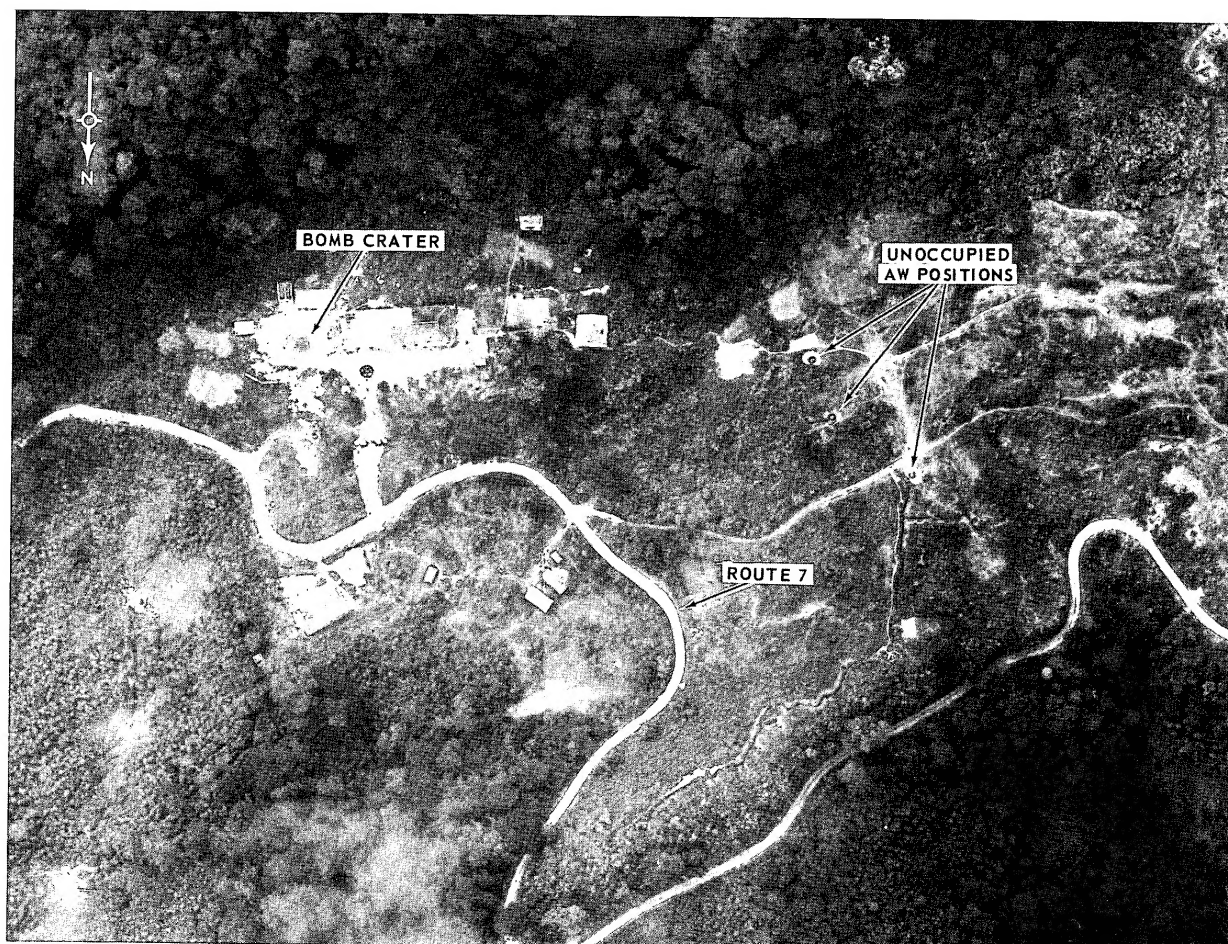
CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semi-darkness); O (obliquity); and PQ (poor image quality).

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NPIC/R-1594/64
ATTACHMENT 1



MILITARY CAMP, BAN TAU THO AREA, NORTH VIETNAM

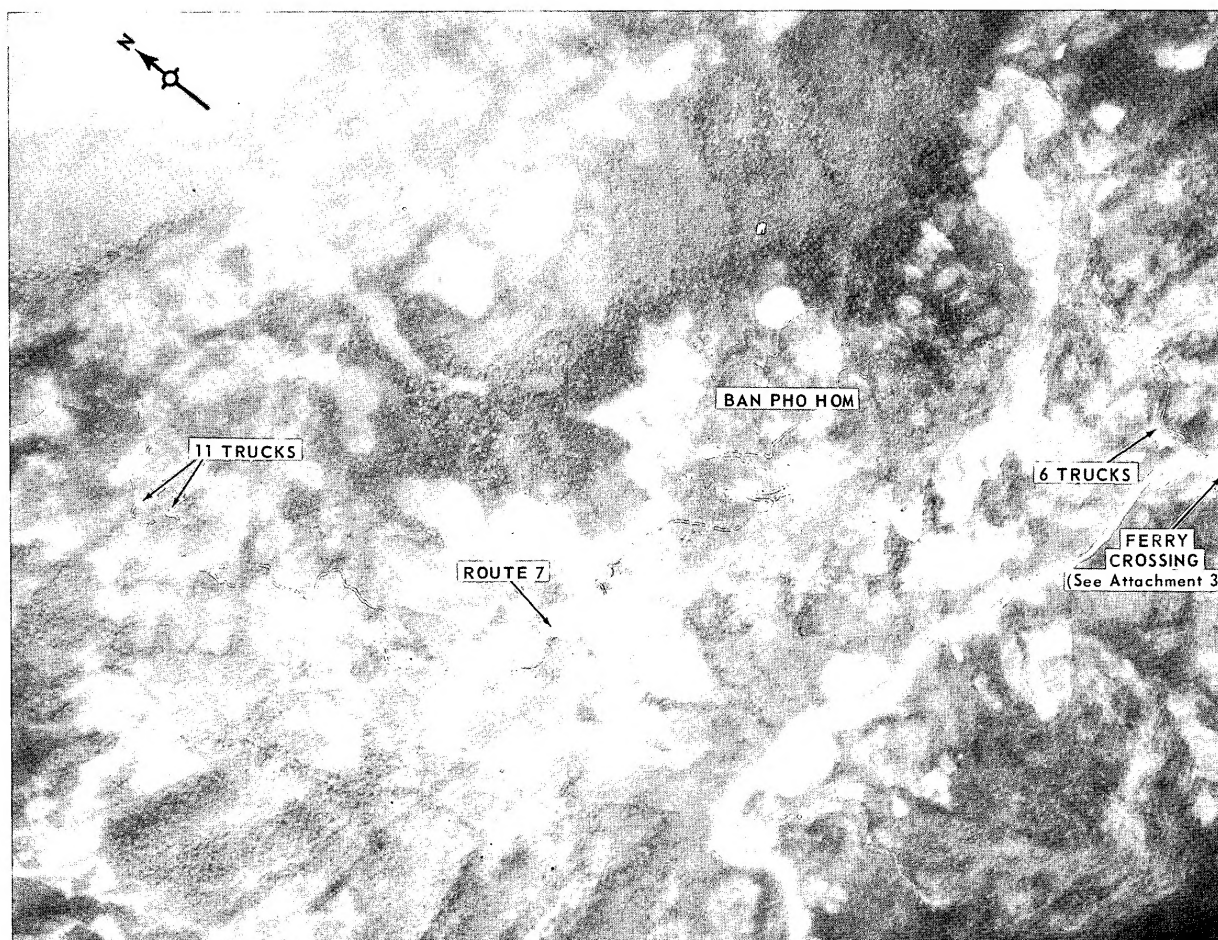
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ATTACHMENT 2

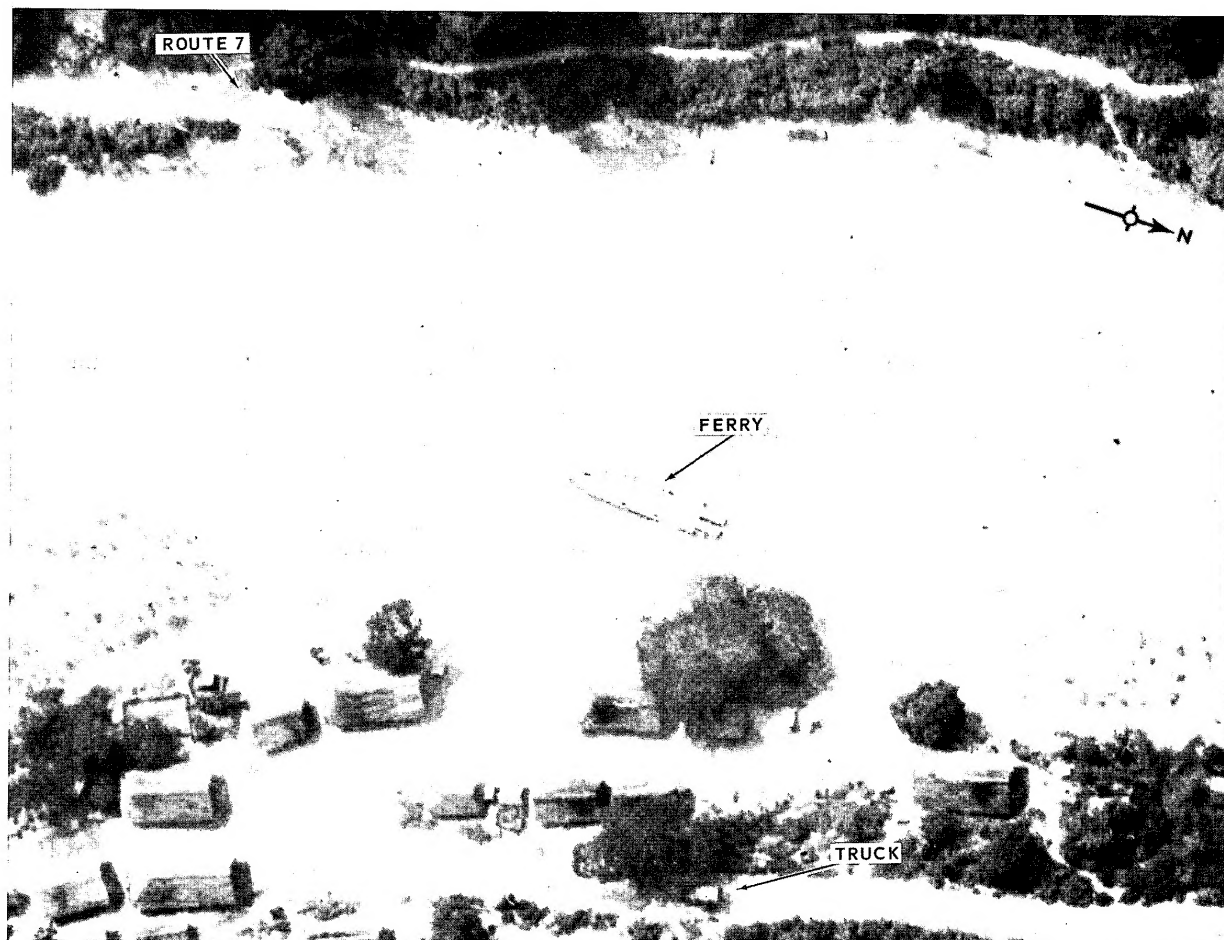


TRUCK CONVOYS, ROUTE 7, NORTH VIETNAM

NPIC J-4852 (10/64)

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ATTACHMENT 3



FERRY CROSSING, ROUTE 7, NORTH VIETNAM

NPIC J-4853 (10/64)

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